

Form PTO-1449

**INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION**

(Use several sheets if necessary)

ATTY. DOCKET NO.  
0445-0309PAPPLICATION NO.  
09/973,802APPLICANT  
Shoichi TANEICHI et al.FILING DATE  
October 11, 2001GROUP  
1772

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	US						
	US						
	US						
	US						
	US						
	US						
	US						
	US						
	US						
	US						

**FOREIGN PATENT DOCUMENTS**

	Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
								YES	NO
<i>9/11/02</i>	JP	5-25763	A	02-02-1993	Japan			X	

**OTHER DOCUMENTS**

(Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)


EXAMINER

*Wm. W. Matthews*

DATE CONSIDERED

*7-23-04*

EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

0445-0309P

JWB/JWH/sh

Form PTO-1449		ATTY. DOCKET NO. 0445-0309P		APPLICATION NO. 09/973,802																																																																																				
<div>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</div> <div>Use several sheets if necessary)</div>		APPLICANT Shoichi TANEICHI et al.																																																																																						
		FILING DATE October 11, 2001		GROUP 1772																																																																																				
U.S. PATENT DOCUMENTS																																																																																								
<table border="1"><thead><tr><th>DOCUMENT NUMBER</th><th>Kind</th><th>DATE</th><th>NAME</th><th>CLASS</th><th>SUB CLASS</th><th>FILING DATE IF APPROPRIATE</th></tr></thead><tbody><tr><td>US</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>US</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>US</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>US</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>US</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>US</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>US</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>US</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>US</td><td></td><td></td><td></td><td></td><td></td><td></td></tr></tbody></table>						DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE	US							US							US							US							US							US							US							US							US																			
DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE																																																																																		
US																																																																																								
US																																																																																								
US																																																																																								
US																																																																																								
US																																																																																								
US																																																																																								
US																																																																																								
US																																																																																								
US																																																																																								
FOREIGN PATENT DOCUMENTS																																																																																								
<table border="1"><thead><tr><th rowspan="2">Office</th><th rowspan="2">DOCUMENT NUMBER</th><th rowspan="2">Kind</th><th rowspan="2">DATE</th><th rowspan="2">COUNTRY</th><th rowspan="2">CLASS</th><th rowspan="2">SUB CLASS</th><th colspan="2">TRANSLATION</th></tr><tr><th>YES</th><th>NO</th></tr></thead><tbody><tr><td>JP</td><td>2001-140158</td><td>A</td><td>2001-05-22</td><td>JAPAN</td><td></td><td></td><td>X</td><td></td></tr><tr><td>JP</td><td>04-312431</td><td>A</td><td>1992-11-04</td><td>JAPAN</td><td></td><td></td><td>ABS</td><td></td></tr><tr><td>JP</td><td>02-300365</td><td>A</td><td>1990-12-12</td><td>JAPAN</td><td></td><td></td><td>ABS</td><td></td></tr><tr><td>JP</td><td>09-117982</td><td>A</td><td>1997-05-06</td><td>JAPAN</td><td></td><td></td><td>X</td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></tbody></table>						Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION		YES	NO	JP	2001-140158	A	2001-05-22	JAPAN			X		JP	04-312431	A	1992-11-04	JAPAN			ABS		JP	02-300365	A	1990-12-12	JAPAN			ABS		JP	09-117982	A	1997-05-06	JAPAN			X																																					
Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS								SUB CLASS	TRANSLATION																																																																										
						YES	NO																																																																																	
JP	2001-140158	A	2001-05-22	JAPAN			X																																																																																	
JP	04-312431	A	1992-11-04	JAPAN			ABS																																																																																	
JP	02-300365	A	1990-12-12	JAPAN			ABS																																																																																	
JP	09-117982	A	1997-05-06	JAPAN			X																																																																																	
OTHER DOCUMENTS (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.																																																																																								
EXAMINER Wm. McArthur			DATE CONSIDERED 7-23-04																																																																																					
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.																																																																																								

JWB/JWH:trb